

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Doyle Hartman 500 N. Main St. Midland, TX 79701		<sup>2</sup> OGRID Number 6473
<sup>3</sup> Property Code 25749	<sup>3</sup> Property Name New Mexico "AB" State	<sup>4</sup> API Number 30-025-25736 <sup>5</sup> Well No. 36783 7
<sup>9</sup> Proposed Pool 1 Langlie Mattix (7R-Qn)		<sup>10</sup> Proposed Pool 2

**<sup>7</sup> Surface Location**

UL or lot no. H	Section 16	Township 24S	Range 37E	Lot Idn	Feet from the 1650'	North/South line North	Feet from the 990'	East/West line East	County Lea
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**<sup>8</sup> Proposed Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P S	<sup>15</sup> Ground Level Elevation 3270'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 3675'	<sup>18</sup> Formation Grayburg	<sup>19</sup> Contractor Capstar	<sup>20</sup> Spud Date 11/15/2004
Depth to Groundwater 85'		Distance from nearest fresh water well 0.67 mi.		Distance from nearest surface water N/A
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 8905 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**<sup>21</sup> Proposed Casing and Cement Program**

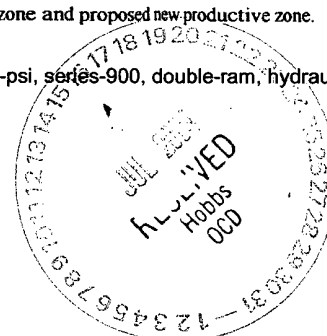
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36 #/ft	1150'	850 sx	Circ.
8 3/4"	7"	26 #/ft	3675'	975 sx	Circ.

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Before drilling out from under 9 5/8" O.D. surface casing, the well will be equipped with a HydriL and a 3000-psi, series-900, double-ram, hydraulic BOP.

Cement volumes will be adjusted, as necessary, to ensure that cement will be circulated behind all strings.

**Permit Expires 1 Year From Approval  
Date Unless Drilling Underway**



<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Steve Hartman

Title: Engineer

E-mail Address: dhoo@swbell.net

Date: 07/15/2004

Phone: (432) 684-4011

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date: JUL 27 2004

Expiration Date:

Conditions of Approval Attached ☐

PETROLEUM ENGINEER

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer 22, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>36783</b> 30-025-35736		Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 25749	Property Name New Mexico "AB" State		Well Number 7
OGHD No. 6473	Operator Name Doyle Hartman		Elevation 3270'

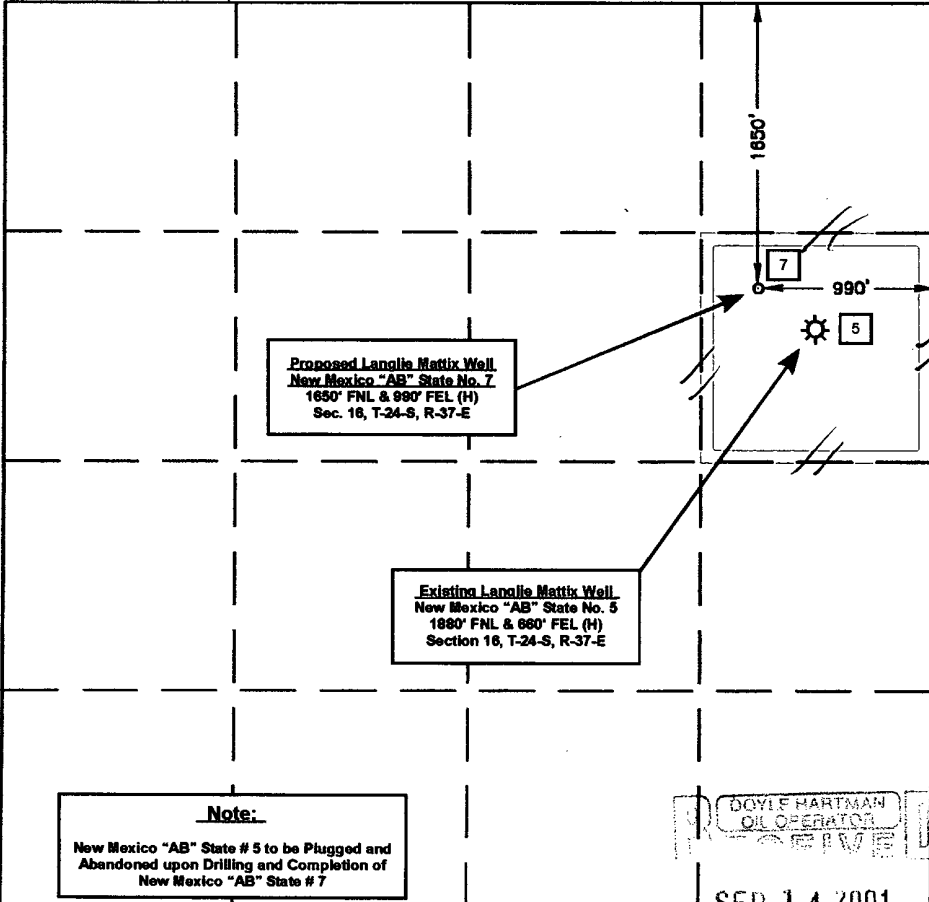
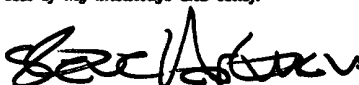
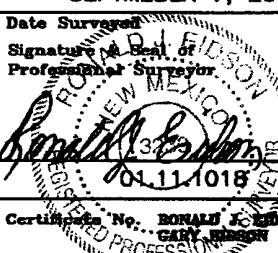
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	16	24S	37E		1650'	North	990'	East	Lea

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40		Joint or Infill Y	Consolidation Code		Order No.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

 <p><b>Proposed Langlie Mattix Well</b> New Mexico "AB" State No. 7 1650' FNL &amp; 990' FEL (H) Sec. 16, T-24-S, R-37-E</p> <p><b>Existing Langlie Mattix Well</b> New Mexico "AB" State No. 5 1880' FNL &amp; 880' FEL (H) Section 16, T-24-S, R-37-E</p> <p><b>Note:</b> New Mexico "AB" State # 5 to be Plugged and Abandoned upon Drilling and Completion of New Mexico "AB" State # 7</p> <p>DOYLE HARTMAN OIL OPERATOR RECEIVED SEP 14 2001</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Steve Hartman Printed Name Engineer Title 07/15/2004 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>SEPTEMBER 7, 2001</p> <p>Date Surveyed Signature &amp; Seal of Professional Surveyor  Certification No. RONALD J. EDSON 3336 GARY EDSON 12841</p>
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# BOP & Choke Manifold Diagram

New Mexico "AB" State No. 7

1650' FNL & 990' FEL (H)

Sec. 16, T-24-S, R-37-E

ROTARY TABLE

